Omplete and go	nd this form, toget			Co P. Al		r Pate		
NSORUCTIONS: A series de la confectate de la confectate de la confectación de la confecta	form should be used to correspondence including delease or directed of the correspondence.	or transmitting the patent, advinerwise in Block	e ISSUE F ance orders I, by (a) sp					hould be completed where correspondence address as trate "FEE ADDRESS" for
CURRENT CORRESPONDI	No Fed paj ha	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.						
26161 7590 07/20/2006 FISH & RICHARDSON PC P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022					Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.			
0/11/2006 CCHAU2 00000049 10659060					CHERYL A. FORREST (Depositor's name)			
FC:1501 1400.00 0P FC:8001 30.00 0P				_	Con	<u> </u>	· FOUENT	(Signature)
3 FC:1504		00 OP		<u> </u>		70	3-00	(Date)
APPLICATION NO.	FILING DATE		FIRS	T NAMED INVENTO	R	ATTOR	RNEY DOCKET NO.	CONFIRMATION NO.
10/659,060	09/09/2003	Peter J. De Groot	· · · · · · · · ·	09712	2-332001 / Z-433	3834		
TILE OF INVENTION NCLUDING CHARAC	: INTERFEROMETRY TERIZATION OF THIN			ETRY, REFLECTO	METRY, AND SCA	ATTERC	METRY MEASURE	ements,
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DU	ISSUE FEE DUE PUBLICATION		PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	•	\$300	\$0		\$1700	10/20/2006
EXAM	EXAMINER ART UNIT			CLASS-SUBCLASS	7			
DETSCHEL	2877	<u> </u>	356-497000					
CFR 1.363). Change of corresponded and Change of Corresponded and Corresponding The	ence address or indication ondence address (or Cha 3/122) attached. ication (or "Fee Address 2 or more recent) attach	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.						
. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTE	D ON THE	PATENT (print or t	/pe)			<u> </u>
	ess an assignee is ident h in 37 CFR 3.11. Comp		signee data is NOT a s	., ,	patent. If an assign assignment.			ocument has been filed for
Zygo Corporation Middlefield, CT								
Please check the appropriate assignee category or categories (will not be printed on the patent):								
rease effect the appropri	ate assignee category of	categories (will be	or be primed	on the patent):	individual Ai C	orporatio	on or other private gro	oup entity Government
a. The following fee(s) a XXIIIssue Fee	are submitted:			yment of Fee(s): (Ple A check is enclosed.	ease first reapply a	ny previ	ously paid issue fee	shown above)
- 	o small entity discount p	*		Payment by credit ca				
Advance Order - #	of Copies <u>06–10</u>	50	XX	The Director is hereboverpayment, to Dep	y authorized to cha osit Account Numb	rge the re er <u>06-</u>	equired fee(s), any de <u>-1050 </u> (enclose a	ficiency, or credit any n extra copy of this form).
	tus (from status indicated s SMALL ENTITY statu	,	7.	b. Applicant is no lo	nger claiming SMA	LL ENT	TTY status. See 37 CI	FR 1.27(g)(2).
NOTE: The Issue Fee and neerest as shown by the r	d Publication Fee (if requeered Sta	uired) will not be a tes Patentand Tra	ccepted fro demark Offi	m anyone other than ce.	the applicant; a reg	istered a	ttomey or agent; or th	ne assignee or other party in
Authorized Signature	/h,	h		7	Date	10	11/7	COP
Typed or printed name	Marc M. M	Wefers			Registration 1	No	56,842	
his collection of information application. Confident	ation is required by 37 C	CFR 1.311. The info U.S.C. 122 and 3	ormation is 7 CFR 1.14	required to obtain or This collection is e	retain a benefit by	the publi	c which is to file (and	by the USPTO to process) g gathering, preparing, and

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.